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**1 [TETRA radio performance evaluated via the software package TETRA](#)**

Armando Annunziato, Davide Sorbara

 March 2000 **Mobile Networks and Applications**, Volume 5 Issue 1

**Publisher:** Kluwer Academic Publishers

Full text available: Pdf (429.08 KB)

[Additional Information: full citation, abstract](#)
**Bibliometrics:** Downloads (6 Weeks): 2, Downloads (12 Months): 33, Downloads

TETRA (TERrestrial Trunked RAdio) is a digital mobile radio standard for satisfying the growing request of applications and facilities coming from The system has been ...

**2 [Experimental validation of a tuning algorithm for high-speed filters](#)**

G. Matarrese, C. Marzocca, F. Corsi, S. D'Amico, A. Baschirotto

 April 2007 **DATE '07: Proceedings of the conference on Design, automation**
**Publisher:** EDA Consortium

Full text available: Pdf (503.61 KB)

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We report here the results of some laboratory experiments performed to the self tuning of integrated continuous-time, high-speed active filters. application of a pseudo-random ...

**3 [Software cultivation using the artificial intelligence design framework](#)**

Varadraj Gurupur, Urcun J Tanik

 March 2006 **ACM-SE 44: Proceedings of the 44th annual Southeast region**
**Publisher:** ACM [Request Permissions](#)

Full text available: Pdf (132.50 KB)

[Additional Information: full citation, abstract](#)
**Bibliometrics:** Downloads (6 Weeks): 21, Downloads (12 Months): 123, Downloads

All along the history of software engineering, traditional software development is an intensive process. This is perhaps because we are still in the preliminary phase where the software has ...

**4 [Orthographic Errors in Web Pages: Toward Cleaner Web Corpora](#)**

Christoph Finglsetter, Klaus U. Schulz, Stoyan Mihov

 September 2006 **Computational Linguistics**, Volume 32 Issue 3

**Publisher:** MIT Press


Full text available: Pdf (987.55 KB)

[Additional Information: full citation, abstract](#)


**Bibliometrics:** Downloads (6 Weeks): 5, Downloads (12 Months): 54, Downloa

Since the Web by far represents the largest public repository of natural methods, and tools in the area of corpus linguistics often use the Web a accuracy is crucial, the problem ...

##### 5 Logarithmic perspective shadow maps

 D. Brandon Lloyd, Naga K. Govindaraju, Cory Quammen, Steven E. Molnar  
October 2008 **Transactions on Graphics (TOG)** . Volume 27 Issue 4

**Publisher:** ACM  [Request Permissions](#)

Full text available:  Pdf (23.37 MB)


[Additional Information:](#) [full citation](#), [abstract](#)

**Bibliometrics:** Downloads (6 Weeks): 28, Downloads (12 Months): 295, Downl


We present a novel shadow map parameterization to reduce perspective directional light sources. We derive the aliasing error equations for both Using these equations we ...

**Keywords:** Shadow maps, antialiasing

##### 6 GPGPU: general purpose computation on graphics hardware

 David Luebke, Mark Harris, Jens Krüger, Tim Purcell, Naga Govindaraju, Ia August 2004 **SIGGRAPH '04: SIGGRAPH 2004 Course Notes**

**Publisher:** ACM  [Request Permissions](#)


Full text available:  Pdf (63.03 MB)

[Additional Information:](#) [full citation](#), [abstract](#)


**Bibliometrics:** Downloads (6 Weeks): 255, Downloads (12 Months): 1580, Dov

The graphics processor (GPU) on today's commodity video cards has ev processor. The latest graphics architectures provide tremendous memor with fully programmable vertex ...

##### 7 Automatically patching errors in deployed software

 Jeff H. Perkins, Sunghun Kim, Sam Larsen, Saman Amarasinghe, Jonathan Frank Sherwood, Stelios Sidiropoulos, Greg Sullivan, Weng-Fai Wong, Yoav Z October 2009 **SOSP '09: Proceedings of the ACM SIGOPS 22nd symposium**

**Publisher:** ACM  [Request Permissions](#)

Full text available:  Pdf (471.33 KB)


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**Bibliometrics:** Downloads (6 Weeks): 18, Downloads (12 Months): 18, Downlo

We present ClearView, a system for automatically patching errors in de Windows x86 binaries without any need for source code, debugging info without human intervention. ...

**Keywords:** self healing

##### 8 Debugging in the (very) large: ten years of implementation and expe

 Kirk Glerum, Kinshuman Kinshumann, Steve Greenberg, Gabriel Aul, Vince Gretchen Lohle, Galen Hunt

October 2009 **SOSP '09: Proceedings of the ACM SIGOPS 22nd symposium**

**Publisher:** ACM  [Request Permissions](#)

Full text available:  Pdf (467.20 KB)


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**Bibliometrics:** Downloads (6 Weeks): 33, Downloads (12 Months): 33, Downloads


Windows Error Reporting (WER) is a distributed system that automates an installed base of a billion machines. WER has collected billions of error data automatically ...

**Keywords:** blue screen of death, bucketing, classifying, error reports, debugging.

## 9 [Collision detection and proximity queries](#)

 Sunil Hadap, Dave Eberle, Pascal Volino, Ming C. Lin, Stephane Redon, Chris August 2004 **SIGGRAPH '04: SIGGRAPH 2004 Course Notes**

**Publisher:** ACM  [Request Permissions](#)


Full text available:  Pdf (11.22 MB)

[Additional Information: full citation, abstract](#)


**Bibliometrics:** Downloads (6 Weeks): 76, Downloads (12 Months): 565, Downloads

This course will primarily cover widely accepted and proved methodology advanced or recent topics such as continuous collision detection, ADFs, introduced. When appropriate ...

## 10 [Performance OpenGL: platform independent techniques](#)

 Bob Kuehne, Tom Trus, Alan Commike, Dave Shreiner July 2005 **SIGGRAPH '05: SIGGRAPH 2005 Courses**

**Publisher:** ACM  [Request Permissions](#)

Full text available:  Pdf (3.76 MB)


[Additional Information: full citation, reference](#)

**Bibliometrics:** Downloads (6 Weeks): 20, Downloads (12 Months): 158, Downloads

## 11 [Fast and flexible application-level networking on exokernel systems](#)

 Gregory R. Ganger, Dawson R. Engler, M. Frans Kaashoek, Hector M. Blicke February 2002 **Transactions on Computer Systems (TOCS)**, Volume 20 Is

**Publisher:** ACM  [Request Permissions](#)

Full text available:  Pdf (500.67 KB)


[Additional Information: full citation, abstract](#)

**Bibliometrics:** Downloads (6 Weeks): 10, Downloads (12 Months): 69, Downloads



Application-level networking is a promising software organization for important network services. The Xok/ExOS exokernel system includes a services, while at ...

**Keywords:** Extensible systems, OS structure, fast servers, network ser

## 12 [Exploiting perception in high-fidelity virtual environments](#)

 Mashhuda Glencross, Alan G. Chalmers, Ming C. Lin, Miguel A. Oraduy, Die July 2006 **SIGGRAPH '06: SIGGRAPH 2006 Courses**

**Publisher:** ACM  [Request Permissions](#)

Full text available:  Mov (68:6 MIN),  Pdf (5.07 MB) Additional Information: [full citation](#), [cited by](#), [tr](#)

**Bibliometrics:** Downloads (6 Weeks): 164, Downloads (12 Months): 1391, Downloads

The objective of this course is to provide an introduction to the issues of high-fidelity 3D engaging shared virtual environments. The principles of human factors and algorithms and techniques ...

**Keywords:** collaborative environments, haptics, high-fidelity rendering, networked applications, perception, virtual reality

### 13 [STAR: self-tuning aggregation for scalable monitoring](#)

Navendu Jain, Dmitry Kit, Prince Mahajan, Praveen Yalagandula, Mike Dahl  
September 2007 **VLDB '07**: Proceedings of the 33rd international conference on Very Large Databases  
**Publisher:** VLDB Endowment


Full text available:  Pdf (520.35 KB) Additional Information: [full citation](#), [abstract](#)

**Bibliometrics:** Downloads (6 Weeks): 5, Downloads (12 Months): 58, Downloads

We present **STAR**, a self-tuning algorithm that adaptively sets numeric thresholds to efficiently answer continuous aggregate queries over distributed data streams. It is essential for both robustness and ...

### 14 [Fast detection of communication patterns in distributed executions](#)


Thomas Kunz, Michael F. H. Seuren  
November 1997 **CASCON '97**: Proceedings of the 1997 conference of the Canadian Society for Computational Science  
**Publisher:** IBM Press

Full text available:  Pdf (4.21 MB) Additional Information: [full citation](#), [abstract](#)

**Bibliometrics:** Downloads (6 Weeks): 34, Downloads (12 Months): 363, Downloads

Understanding distributed applications is a tedious and difficult task. Visualizations are often used to obtain a better understanding of the execution of the application, an event ...

### 15 [Client-server computing in mobile environments](#)

 Jin Jing, Abdelsalam Sumi Helal, Ahmed Elmagarmid  
June 1999 **Computing Surveys (CSUR)**, Volume 31 Issue 2

**Publisher:** ACM  Request Permissions  
Full text available:  Pdf (233.31 KB) Additional Information: [full citation](#), [abstract](#)


**Bibliometrics:** Downloads (6 Weeks): 95, Downloads (12 Months): 679, Downloads

Recent advances in wireless data networking and portable information systems have enabled the operation of computing, called mobile computing, in which users carrying portable devices can access services ...



**Keywords:** application adaptation, cache invalidation, caching, client-server operation, mobile applications, mobile client/server, mobile computing, mobile system application

The effect of registration error on tracking distant augmented objects

Mark A. Livingston, Zhuming Ai

September 2008 **ISMAR '08: Proceedings of the 7th IEEE/ACM International Symposium on Mixed and Augmented Reality****Publisher:** IEEE Computer SocietyFull text available:  Pdf (14.95 MB)Additional Information: [full citation](#), [abstract](#)**Bibliometrics:** Downloads (6 Weeks): 6, Downloads (12 Months): 6, Downloads


We conducted a user study of the effect of registration error on performance in tracking distant augmented objects. Categorizing error by types that are often used as specifications for the ability of users ...

17 Performance OpenGL: platform independent techniques or Tom True, Brad Grantham, Bob Kuehne, Dave ShreinerAugust 2004 **SIGGRAPH '04: SIGGRAPH 2004 Course Notes****Publisher:** ACM Full text available:  Pdf (1.03 MB)Additional Information: [full citation](#), [abstract](#)**Bibliometrics:** Downloads (6 Weeks): 11, Downloads (12 Months): 75, Downloads

The OpenGL Application Programming Interface (API) is the most widely used graphics interface available to programmers today. Such broad support presents challenges in maximizing ...

18 An Error Bound Based on a Worst Likely Assignment

Eric Bax, Augusto Callejas

June 2008 **The Journal of Machine Learning Research**, Volume 9**Publisher:** MIT PressFull text available:  Pdf (235.09 KB)Additional Information: [full citation](#), [abstract](#)**Bibliometrics:** Downloads (6 Weeks): 1, Downloads (12 Months): 16, Downloads

This paper introduces a new PAC transductive error bound for classification. It provides training examples and inputs of working examples to develop a set of hypotheses. A likely assignment ...

19 Edgecomputing: extending enterprise applications to the edge of the A. Davis, J. Parikh, W. E. WeihlMay 2004 **WWW Ait. '04: Proceedings of the 13th international World Wide Web conference on papers & posters****Publisher:** ACMFull text available:  Pdf (224.06 KB)Additional Information: [full citation](#), [abstract](#)**Bibliometrics:** Downloads (6 Weeks): 5, Downloads (12 Months): 79, Downloads


Content delivery networks have evolved beyond traditional distributed computing. EdgeComputing it is now possible to deploy and run enterprise business computing platform, to provide ...

**Keywords:** Internet applications, N-tier applications, Web services, distributed computing, split-tier applications, utility computing, web applications

**Bandwidth-constrained queries in sensor networks**

Antonis Deligiannakis, Yannis Kotidis, Nick Roussopoulos

May 2008

**The VLDB Journal — The International Journal on Very****Publisher:** Springer-Verlag New York, Inc.Full text available:  Pdf (423.56 KB)Additional Information: [full citation, abstract](#)**Bibliometrics:** Downloads (6 Weeks): 11, Downloads (12 Months): 66, Downloads

Sensor networks consist of battery-powered wireless devices that are re  
of time. Thus, reducing energy drain is of utmost importance when desi  
networks. Aggregate ...

**Keywords:** In-network aggregation, Sensor networks

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